

## ABSTRACT

[Problem] Providing a novel interaction between proteins.

[Solution Means] It has been found that there is an interaction between proteins between proteasome and ZNF216 (or AWP1). It has also been found that there is an interaction between proteins between a polyubiquitin chain and ZNF216 (or AWP1). By utilizing this novel interaction between the proteins, a therapeutic agent for disuse muscular atrophy, and a method for screening the therapeutic agents for disuse muscular atrophy, a marker for disease diagnosis, a method for evaluating the risk of onset of the disuse muscular atrophy, etc., are provided.